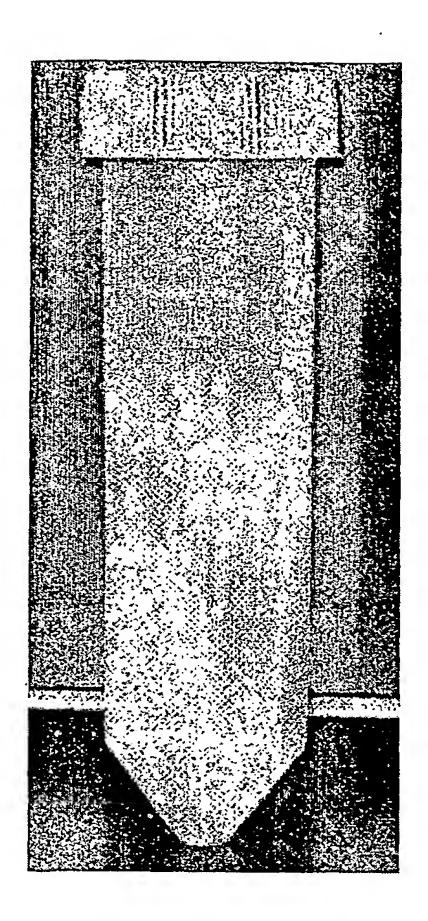
1/18

Fig. 1.

					Salt			Phase	Phase
Formulation	Drúg	[Drug]	Acid	[Acid]	Salt	[Salt]	рН	Stability	Stability
Officiation		mM		mM.		mM.		Pro	Post-
Province Convey		The second second					4.6	Autoclave separates	Autoclave
P01			-		_				
P02	-	_	cítric	0.1		بدائي التشري والمراب والمرازي والراق والمساورة والمساورة والمراز والمر		separates	
P03	_		cítric	0.5		*	3.6	stable	separates
P04	-		maleic	1.5	-	- 3.0 stable		stable	
P04		-	phosphoric	0.1		- 4.1 separates			
P06	_	-	phosphoric	0.5		- 3.6 stable			
P07	•	-	citric	1.5		والمراوي والمراوي والمراوي والمراوي والمراوي والمراوي والمراوية والمراوية والمراوية والمراوية والمراوية والمراوية		stable	separates
P08	•	-	-	-	monosodium malate	1.5	4.6	separates	
P09	•	-	~	_	potassium phosphate	1.5	4.7	separates	
P10	•		-		potassium tartrate	1.5	5.7	separates	
P11		-	•		sodium acetate	1.5	6.2	separates	
P12		-	•	~	sodium bicarbonate	1.5	7.6	stable	
P13	•	•	-	-	sodium chloride	150	5.5	separates	
P14		-	-	•	sodium citrate	1.5	7.3	separates	
P15	-	-	-	-	sodium phosphate	1.5	9.6	stable	
P16	**	-	•	5	sodium pyrophosphate	1.5	9.2	stable	
P17	•	-	-	-	sodium tartrate	1.5	5.7	separates	
P18	Fentanyl	1.5		-	-	-	7.9	separates	separates
P19	Fentanyl	1.5	citric	0.1	-	-	7.5	separates	separates
P20	Fentanyl	1.5	citric	0.5		-	6.5	separates	separates
P21	Fentanyl	1.5	citric	1.5		-	4.2	stable	stable
P22	Fentanyl	3	citric	3		~	4.1	stable	stable
P23	Fentanyl	4.5	citric	4.5	-	-	4.0	stable	stable
P24	Fentanyl	1.5	citric	1	-	-	4.6	stable	stable
P25	Fentanyl	1.5	citric	2		-	3.7	stable	stable
P26	Ondansetron	1.5	hydrochloric	1.5		-	4.3	stable	
P27	Fentanyi	1.5 /	maleic	0.1	-	_	7.6	separates	separate
P28	Fentanyl	1.5	maleic	0.5	-	-	7.0	separates	separate
P29	Fentanyl	1.5	maleic	1	-	-	6.3	stable	stable
P30	Fentanyl	1.5	maleic	1.5	-	-	5.1	stable	stable
P31	Fentanyl	1.5	maleic	2	-	-	3.4	stable	stable
P32	Prochlorperazine	1.5	maleic	3		_	3.4	stable	
P33	Dihydroergotamine	1.5	methanesulfonic	1.5		-	4.0	stable	
P34	Doxylamine	1.5	succinic	1.5	-	-	5.0	stable	
P35	Sumatriptan	1.5	succinic	1.5		•	5.0	stable	
P36	Fentanyl	1.5	citric	1.5_	monosodium malate	1.5	4.1	stable	
P37	Fentanyl	1.5	citric	1.5	potassium tartrate	1.5	4.6	stable	
P38	Fentanyl	1.5	citric	1.5	sodium acetate	1.5	6.0	stable	
P39	Fentanyl	1.5	citric	1.5	sodium acetate	75	6.1	stable	1
P40	Fentanyl	1.5	citric	1.5	sodium chloride	75	6.8	separates	1
P41	Fentanyl	1.5	citric	1.5	sodium chloride	150	5.5	separates	
P42	Fentanyl	1.5	citric	1.5	sodium citrate	1.5	3.9	stable	
P43	Fentanyi	1.5	citric	1.5	sodium citrate	75	3.9	stable	1
P44	Fentanyl	1.5	citric	1.5	sodium tartrate	1.5	4.5	stable	1

Fig. 2



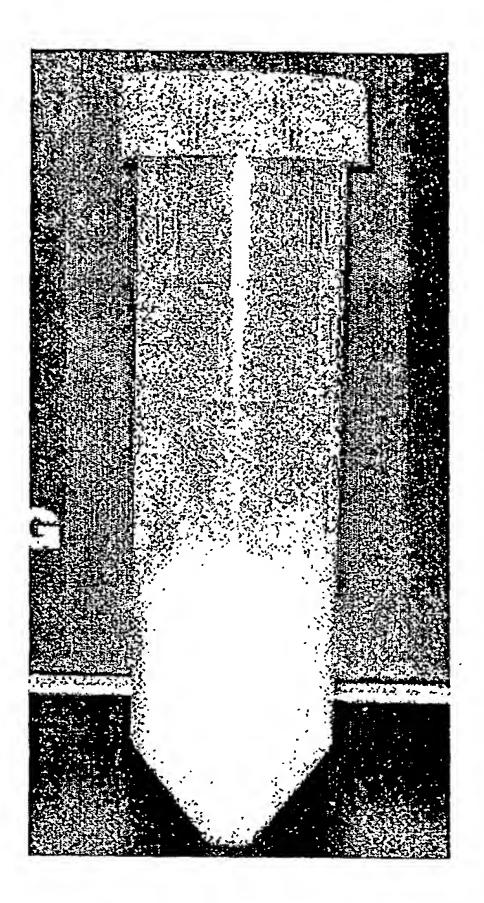


Fig. 2a

Fig. 2b

PCT/CA2004/002002

3/18

Fig. 3a

Phase Stability of Placebo Liposomes versus pH

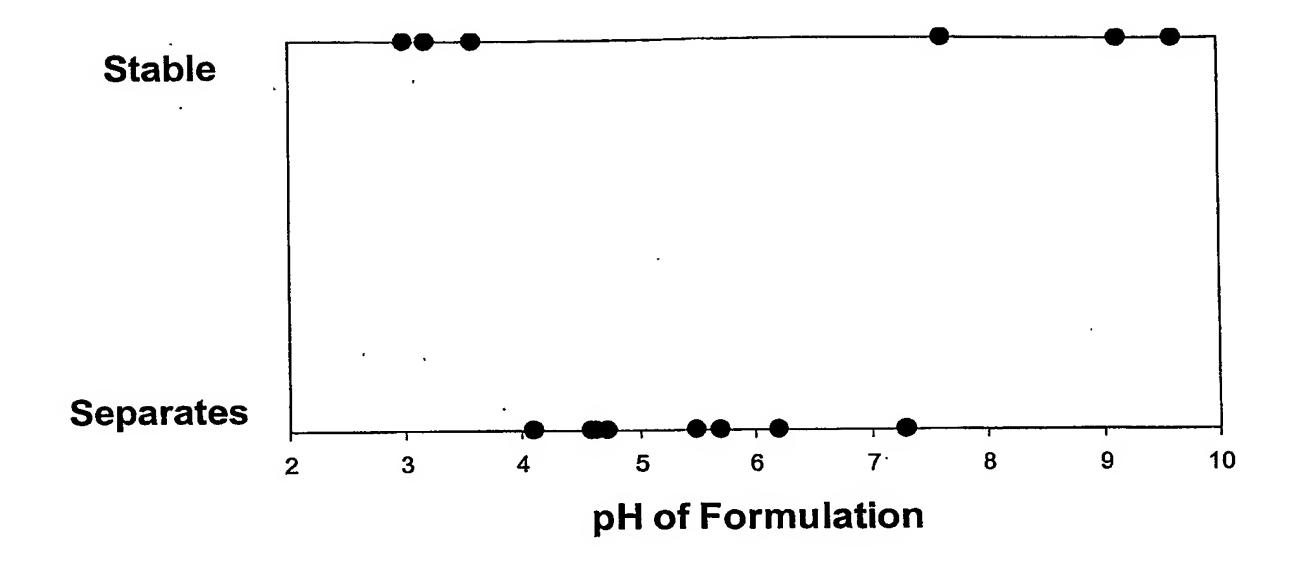


Fig. 3b

Phase Stability of Drug-Liposomes versus pH

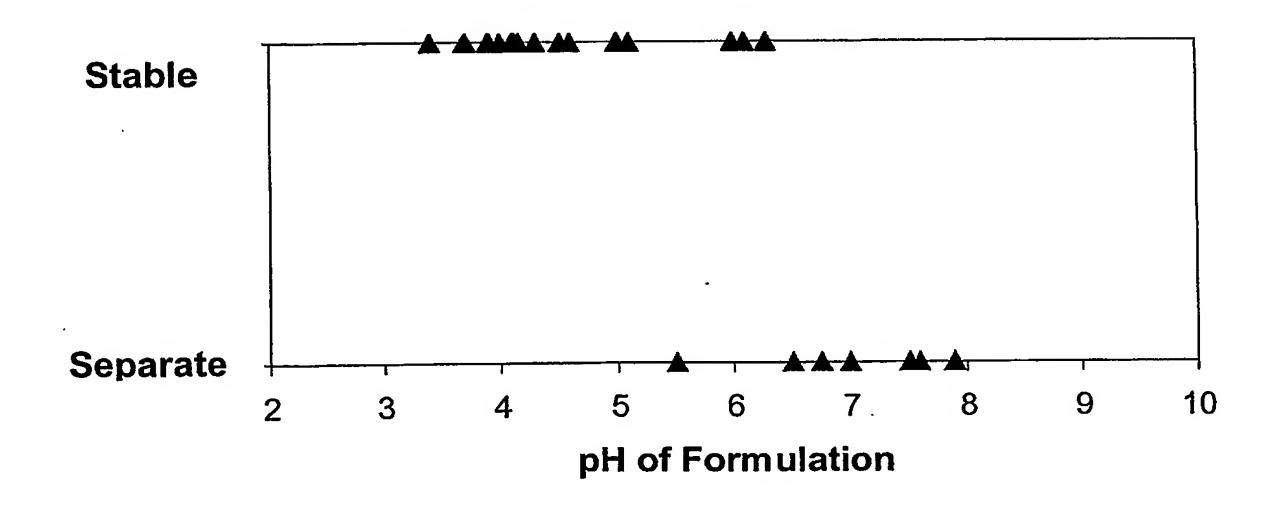


Fig. 4

B01 Fe B02 On B03 On B04 Su B05 Pro B06 On B07 On B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or	entanyl ndansetron umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron ndansetron ndansetron umatriptan ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 2.4 1.5 1.5 2.4 2.4 2.4 1.5 1.5 1.5 1.5 1.5 2.4 1.5		0.2 2.4 0.2, 0.75 15.0 0.75	7.40 7.60 9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.18 3.21 3.52 9.18 10.31 3.98 3.77 3.89 6.09	d(0.5) (microis) Post-autoclave 4.59 0.00 4.32 4.95 0.00 10.14 4.65 4.60 4.77 6.10	0.00 0.05 0.95 0.99 0.00 0.00 0.00	0.00 0.00 0.99 0.00 0.00 0.05 0.50 0.76
B01 Fe B02 On B03 On B04 Su B05 Pr B06 On B07 On B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or	entanyl ndansetron umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 2.4 1.5 1.5 2.4 2.4 2.4 1.5 1.5 1.5 1.5 1.5 2.4 1.5		0.2 2.4 0.2, 0.75 15.0 0.75 1.5	7.40 7.60 9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.21 3.24 3.52 9.18 10.31 3.98 3.77 3.89	0.00 4.32 4.95 0.00 10.14 4.65 4.60 4.77	0.00 0.05 0.95 0.99 0.00 0.00 0.00	0.00 0.00 0.99 0.00 0.00 0.05 0.50 0.76
B01 Fe B02 On B03 On B04 Su B04 Su B05 Pr B06 On B07 On B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	entanyl ndansetron umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 2.4 1.5 1.5 2.4 2.4 2.4 1.5 1.5 1.5 1.5 1.5 2.4 1.5		0.2 2.4 0.2, 0.75 15.0 0.75 1.5	7.40 7.60 9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.21 3.24 3.52 9.18 10.31 3.98 3.77 3.89	0.00 4.32 4.95 0.00 10.14 4.65 4.60 4.77	0.00 0.05 0.95 0.99 0.00 0.00 0.00	0.00 0.00 0.99 0.00 0.00 0.05 0.50 0.76
B01 Fe B02 On B03 On B04 Su B05 Pr B06 On B07 On B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	entanyl ndansetron umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 2.4 1.5 1.5 2.4 2.4 2.4 1.5 1.5 1.5 1.5 1.5 2.4 1.5		0.2 2.4 0.2, 0.75 15.0 0.75 1.5	7.40 7.60 9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.21 3.24 3.52 9.18 10.31 3.98 3.77 3.89	0.00 4.32 4.95 0.00 10.14 4.65 4.60 4.77	0.00 0.05 0.95 0.99 0.00 0.00 0.00	0.00 0.00 0.99 0.00 0.00 0.05 0.50 0.76
B02 On B03 On B04 Su B05 Pro B06 On B07 On B08 On B09 On B10 On B11 Fe B12 On B13 On B14 Su B15 On B16 Su B17 Su B18 Su B19 Su B20 On B21 Fe	ndansetron umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 2.4 1.5 1.5 2.4 2.4 2.4 1.5 1.5 1.5 1.5 2.4 1.5		0.2 2.4 0.2, 0.75 15.0 0.75	7.40 7.60 9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.21 3.24 3.52 9.18 10.31 3.98 3.77 3.89	0.00 4.32 4.95 0.00 10.14 4.65 4.60 4.77	0.00 0.05 0.95 0.99 0.00 0.00 0.00	0.00 0.00 0.99 0.00 0.00 0.05 0.50 0.76
B03 On B04 Su B05 Pro B06 On B07 On B08 On B09 On B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan	2.4 1.5 1.5 2.4 2.4 1.5 1.5 1.5 1.5 2.4 1.5 2.4 1.5	- Palmitic Succinic Succinic Succinic Succinic Sodium Phosphate Acetic Succinic Succinic Succinic	0.2 2.4 0.2, 0.75 15.0 0.75 1.5	7.60 9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.24 3.52 9.18 10.31 3.98 3.77 3.89	4.32 4.95 0.00 10.14 4.65 4.60 4.77	0.05 0.95 0.99 0.00 0.00 0.00	0.00 0.99 0.00 0.00 0.05 0.50 0.76
B04 Su B05 Pro B06 Or B07 Or B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or	umatriptan rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 2.4 2.4 1.5 1.5 1.5 1.5 2.4 1.5 2.4	- Palmitic Succinic Succinic Succinic Succinic Sodium Phosphate Acetic Succinic Succinic Succinic Phosphoric	0.2 2.4 0.2, 0.75 15.0 0.75 1.5	9.50 7.80 7.20 4.90 6.50 5.60 11.50 6.10	3.52 9.18 10.31 3.98 3.77 3.89	4.95 0.00 10.14 4.65 4.60 4.77	0.95 0.99 0.00 0.00 0.00 0.04	0.99 0,00 0.00 0.05 0.50 0.76
B05 Pro B06 Or B07 Or B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or	rochlorperazine ndansetron ndansetron ndansetron ndansetron entanyl ndansetron undansetron umatriptan umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 2.4 2.4 1.5 1.5 1.5 1.5 2.4 1.5 2.4 1.5	Palmitic Succinic Succinic Succinic Succinic Sodium Phosphate Acetic Succinic Succinic Succinic Phosphoric	0.2 2.4 0.2, 0.75 15.0 0.75 1.5	7.80 7.20 4.90 6.50 5.60 11.50 6.10	9.18 10.31 3.98 3.77 3.89	0.00 10.14 4.65 4.60 4.77	0.99 0.00 0.00 0.00 0.04	0.00 0.00 0.05 0.50 0.76
B06 Or B07 Or B08 Or B10 Or B11 Fe B12 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron ndansetron ndansetron ndansetron ndansetron entanyl ndansetron undansetron umatriptan umatriptan umatriptan umatriptan	2.4 2.4 1.5 1.5 1.5 1.5 2.4 1.5 2.4 1.5	Succinic Succinic Succinic Sodium Phosphate Acetic Succinic Succinic Succinic Phosphoric	0.2 2.4 0.2, 0.75 15.0 0.75 1.5	7.20 4.90 6.50 5.60 11.50 6.10	10.31 3.98 3.77 3.89	10.14 4.65 4.60 4.77	0.00 0.00 0.00 0.04	0.00 0.05 0.50 0.76
B07 Or B08 Or B09 Or B10 Or B11 Fe B12 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron ndansetron ndansetron ndansetron entanyl ndansetron undansetron umatriptan umatriptan umatriptan umatriptan umatriptan	2.4 2.4 1.5 1.5 1.5 2.4 1.5 2.4 1.5	Succinic Succinic Succinic Sodium Phosphate Acetic Succinic Succinic Succinic Phosphoric	2.4 0.2, 0.75 15.0 0.75 1.5	4.90 6.50 5.60 11.50 6.10	3.98 3.77 3.89	4.65 4.60 4.77	0.00 0.00 0.04	0.05 0.50 0.76
B08 Or B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron ndansetron ndansetron entanyl ndansetron ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan	2.4 1.5 1.5 1.5 2.4 1.5 2.4 1.5	Succinic Succinic Sodium Phosphate Acetic Succinic Succinic Phosphoric	0.2, 0.75 15.0 0.75 1.5	6.50 5.60 11.50 6.10	3.77 3.89	4.60 4.77	0.00 0.04	0.50 0.76
B09 Or B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetroń ndansetron entanyl ndansetron ndansetron umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 1.5 2.4 1.5 2.4 1.5	Succinic Sodium Phosphate Acetic Succinic Succinic Phosphoric	0.75 15.0 0.75 1.5	5.60 11.50 6.10	3.89	4.77	0.04	0.76
B10 Or B11 Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron entanyl indansetron indansetron umatriptan umatriptan umatriptan umatriptan umatriptan	1.5 1.5 1.5 2.4 1.5 2.4 1.5	Sodium Phosphate Acetic Succinic Succinic Phosphoric	15.0 0.75 1.5	11.50 6.10				
B11 . Fe B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	entanyl Indansetron Indansetron Imatriptan Imatriptan Imatriptan Imatriptan Imatriptan Imatriptan	1.5 1.5 2.4 1.5 2.4 1.5	Acetic Succinic Succinic Phosphoric	0.75 1.5	6.10	6.09	£ 1N 1	 -	
B12 Or B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron Indansetron umatriptan Indansetron umatriptan umatriptan umatriptan	1.5 2.4 1.5 2.4 1.5	Succinic Succinic Phosphoric	1.5				0.04	0.06
B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron umatriptan Indansetron umatriptan umatriptan	2.4 1.5 2.4 1.5	Succinic Phosphoric			3.93	4.89	0.04	0.89
B13 Or B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	umatriptan Indansetron umatriptan umatriptan	1.5 2.4 1.5	Phosphoric	040	5.00	3.85	4.66	0.04	0.83
B14 Su B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron umatriptan umatriptan	2.4 1.5	المقدمين المتحدد المربي في المنافع في	24.0	3.40	4.49	5.62	0.04	0.90
B15 Or B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	ndansetron umatriptan umatriptan	1.5		1.5	3.80	3.84	4.88	0.04	0.55
B16 Su B17 Su B18 Su B19 Su B20 Or B21 Fe	umatriptan umatriptan		Maleic	0.2	6.70	3.60	4.65	0.04	0.05
B17 Su B18 Su B19 Su B20 Or B21 Fe	umatriptan		Citric	1.0	4.50	3.56	4.55	0.04	0.41
B18 St B19 St B20 Or B21 Fe		1.5	Maleic	1.0	5.90	3.47	4.88	0.05	0.06
B19 St B20 Or B21 Fe		1,5	Citric	0.75	5.10	3.19	4.23	0.05	0.05
B20 Or B21 Fe	umatriptan	1.5	Maleic	1.5	3.90	3.92	5.25	0.05	0.91
B21 Fe	ndansetron		Phosphoric	0.75	6.20	3.53	4.10	0.05	0.70
	entanyl	1.5	Citric	0.2	7.50	3.41	4.36	0.06	0.00
	ndansetron	2.4	Citric	0.2	6.70 '	3.33	4.25	0.06	0.08
	umatriptan	1.5	Citric	1.5	4.00	3.33	5.07	0.06	0.80
	umatriptam	1.5	Succinic	0.75	5.70	3.50	4.60	0.06	0.23
	Indansetron	1.5	Phosphoric	1.5	3.90	3.55	4.37	0.06	0.98
	entanyi	1.5	Acetic	1.5	5.40	3.86	4.75	0.06	0.96
	Indansetron	1.5	Sodium Phosphate	1.5	10.60	4.05	5.11	0.06	· 0.16
	Indansetron	1.5	Maleic	0.75	6.20	3.84	4.80	0.07	0.90
		2.4	Maleic	2.4	5.40	3.80	4.55	0.08	0.29
	Ondansetron	1.5	Phosphoric	0.75	6.70	3.56	4.51	0.08	0.94
	entanyl	1.5	Sodium Phosphate	0.73	8.80	3.56	4.82	0.10	0.80
	Ondansetron		Maleic	0.75	8.10	3.15	0.00	0.11	0.00
	Sumatriptan	1.5		24.0	2.70	4.33	5.87	0.13	0.99
	Ondansetron	2.4	Citric	1.0	4.30	3.48	4.61	0.13	0.82
	Ondansetron	1.5	Citric		3.90	3.59	4.61	0.13	0.52
	Ondansetron	2.4	Citric	2.4			4.62	0.13	0.97
	entanyl	1.5	Phosphoric	1.5	4.30	3.42		0.13	0.92
	entanyl	1.5	Citric	15.0	2.80	4.22	6.22	0.14	0.84
	Ondansetron	2.4	HCI	2.4	3.60	3.58	4.70		0.96
	Ondansetron	1.5	Maleic	1.0	5.50	3.84	4.64	0.15	والمستنسب المستهيرين المواول المستهيل
	Sumatriptam	1.5	Succinic	1.5	4.70	3.84	4.99	0.15	0.69
	Ondansetron	2.4	HCI	0.2	6.50	3.57	4.52	0.16	0.92
	Ondansetron	1.5	Citric	1.5	4.00	3.67	4.95	0.17	0.94
	entanyl	1.5	Citric	1.0	4.80	3.48	4,68	0.18	0.63
The state of the s	entanyl	1.5	Citric	1.5	4.00	3.60	5.05	0.22	0.91
	Sumatriptan	1.5	Phosphoric	0.75	7.10	3.39	0.00	0.26	0.00
B60 O	Ondansetron	1.5	Citric	0.75	5.20	3.23	4.17	0.29	0.72
B61 O	Ondansetron	1.5	Maleic	1.5	3.90	3.60	3.73	0.36	0.98
B62 O	Ondansetron	2.4	Maleic	24.0	2.00	5.00	7.19	0.65	0.98
B63 P	Prochlorperazine	1.5	Citric	0.75	4.80	5.37	5.19	0.68	0.99
B64 (O	Ondansetron	2.4	Palmitic	2.4	7.10	3.36	5.70	0.77	0.87
B65 O	Ondansetron	2.4	HCI	24.0	1.80	5.47	0.00	0.83	0.00
	- Culturporazine	1.5	Succinic	1.5	4,50	4.77	6.17	0.86	0.87
	rochlorperazine	1.5	Maleic	0.75	5.90	3.44	28.70	0.96	0.20
	Prochlorperazine	1.5	Citric	1.0	4.10	4.19	5.97	0.98	0.96
	Prochlorperazine	1.5	Phosphoric	0.75	5.70	3.51	6.71	0.98	0.76
	Prochlomerazine	1.5	Citric	1.5	3.90	3.84	6.70	1.01	0.85
	Prochlorperazine	1.5	Succinic	0.75	5.50	4.01	6.16	1.02	0.95
	Prochlorperazine	1.5	Maleic	1.0	5.00	3.24	5.30	1.05	0.91
		-	Palmitic	24.0	6.30	8.71	10.26	1.16	1.17
	Ondansetron	2.4	Maleic	1.5	4.20	3.26	5.39	1.34	0.86
	Prochlorperazine Prochlorperazine	1.5	Phosphoric	1.5	4.20	4.00	8.11	1.88	0.75

PCT/CA2004/002002

5/18

Fig. 5

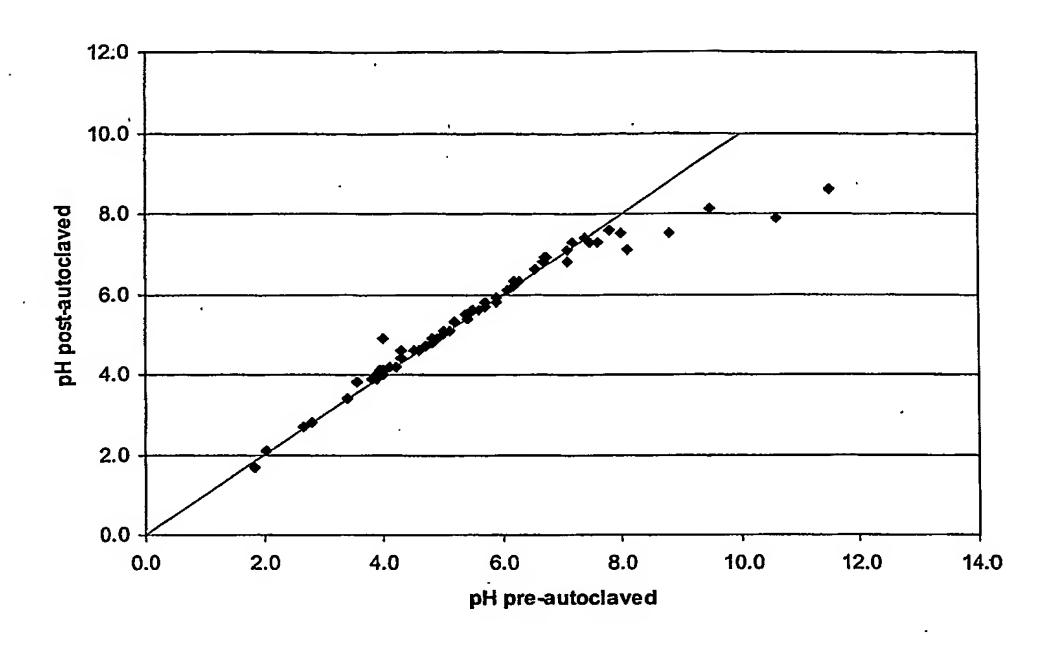
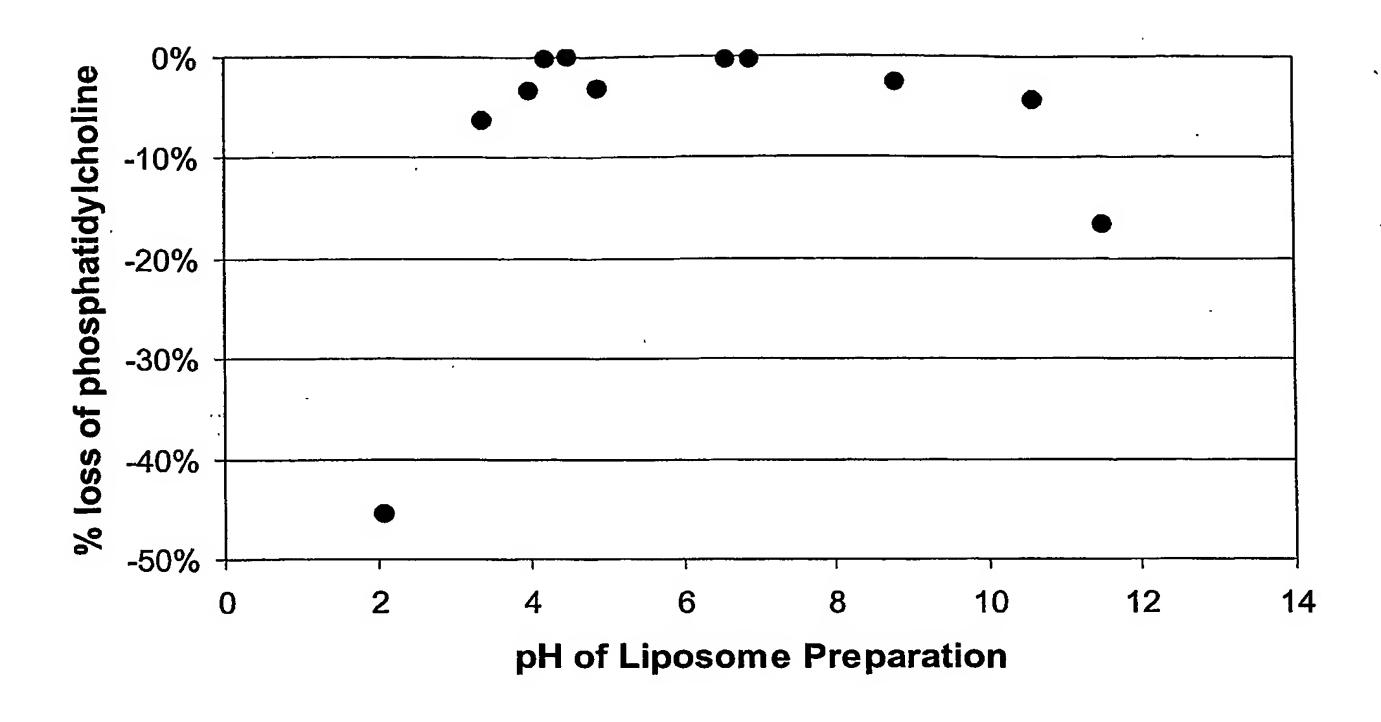
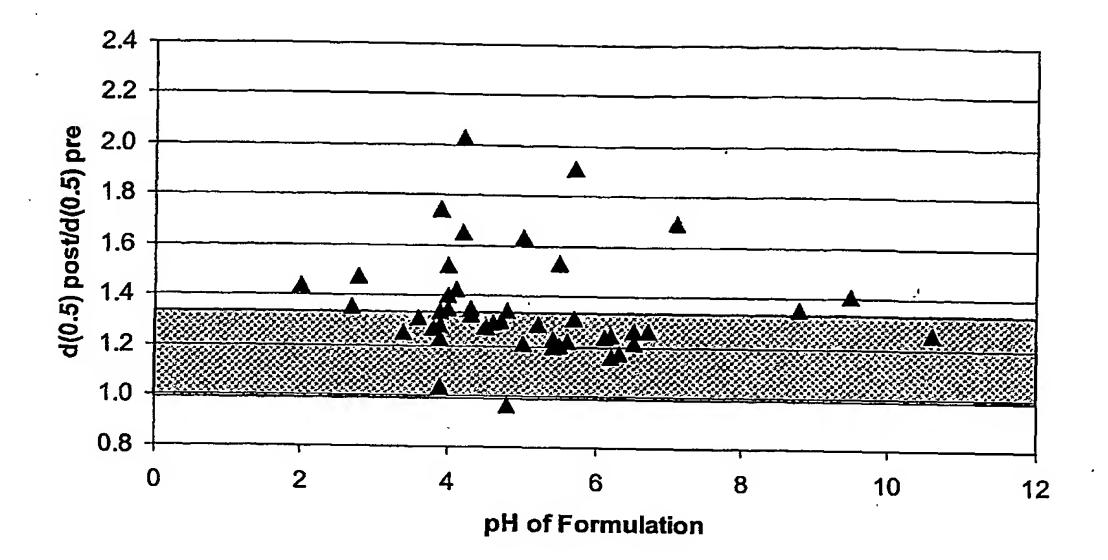


Fig. 6



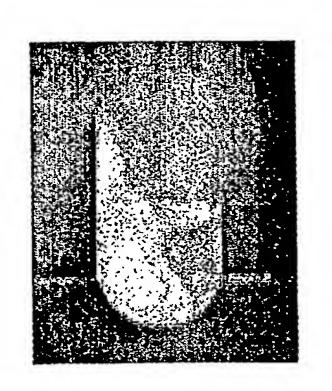
7/18

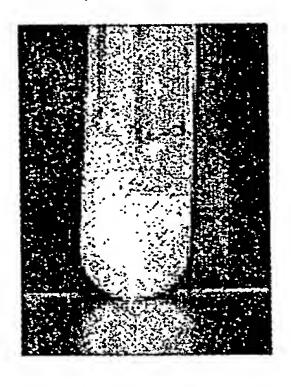
Fig. 7



8/18

Fig. 8





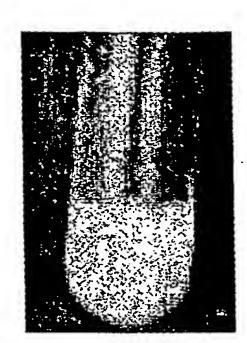
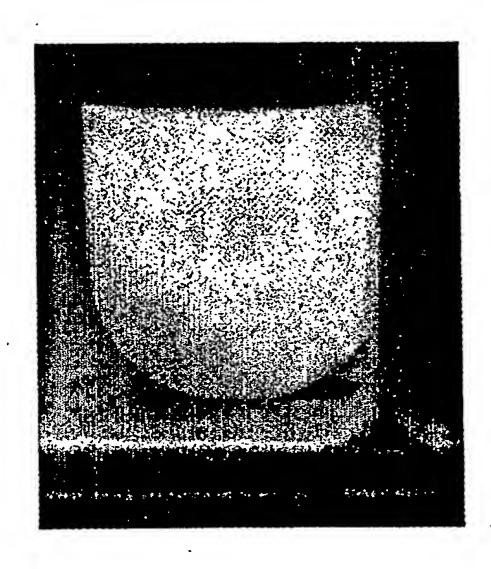


Fig. 8a

Fig. 8b

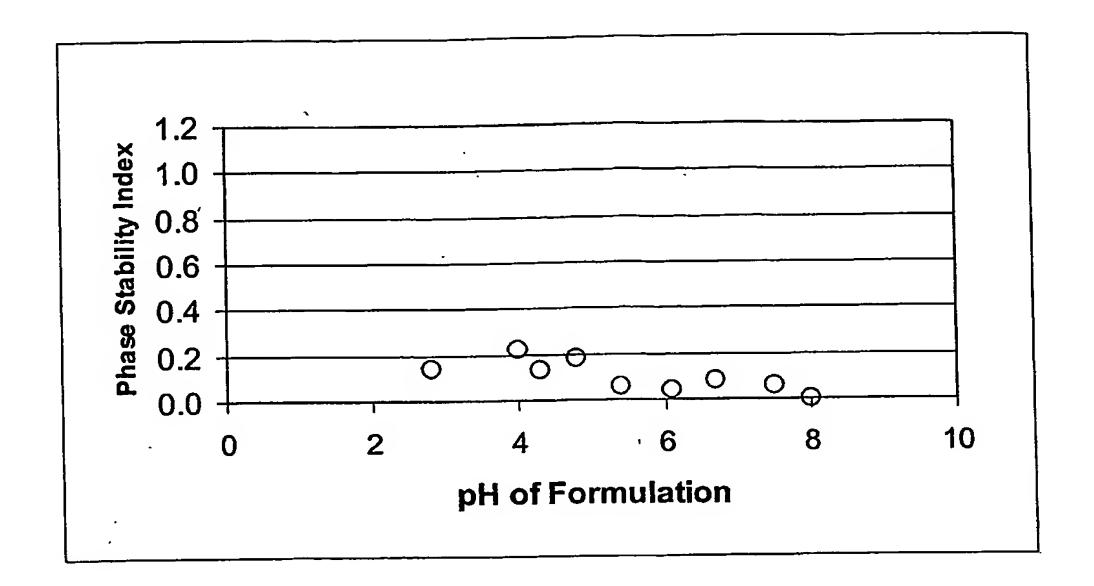
Fig. 8c





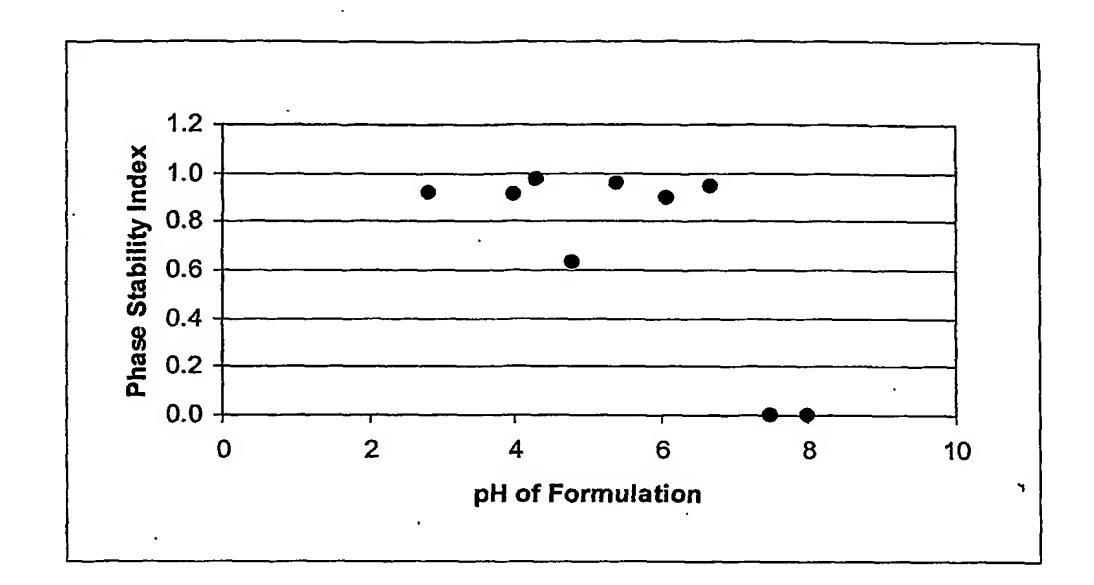
9/18

Fig. 10



10/18

Fig. 11



. .

11/18

Fig. 12

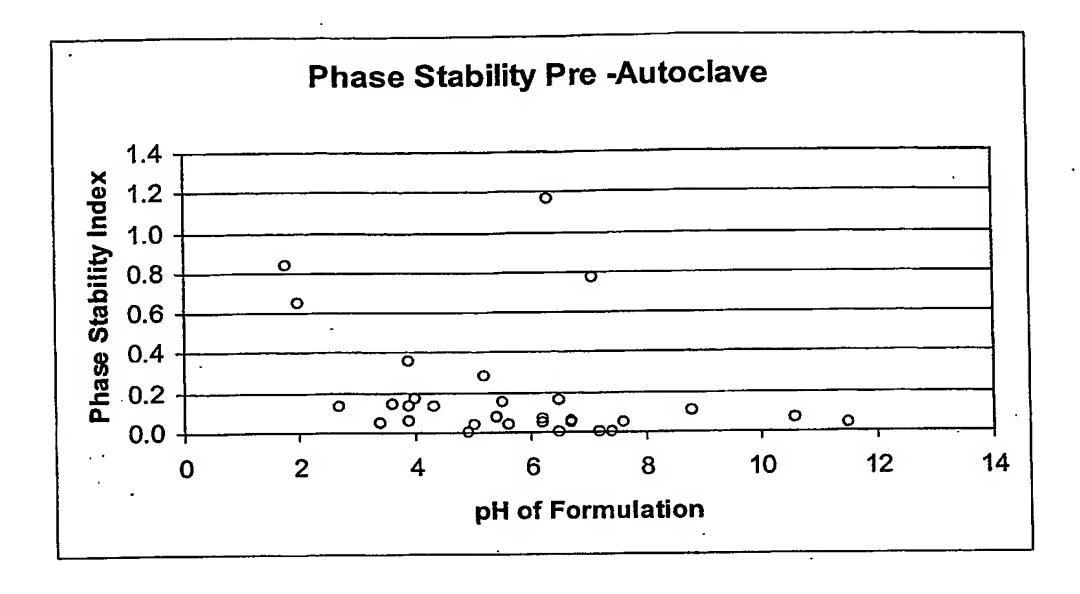
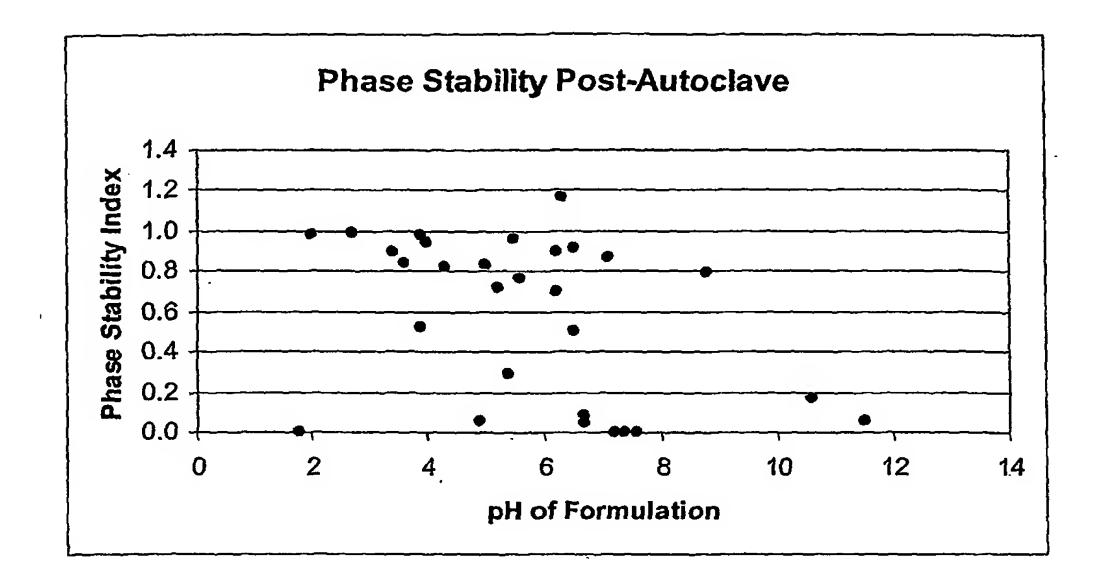


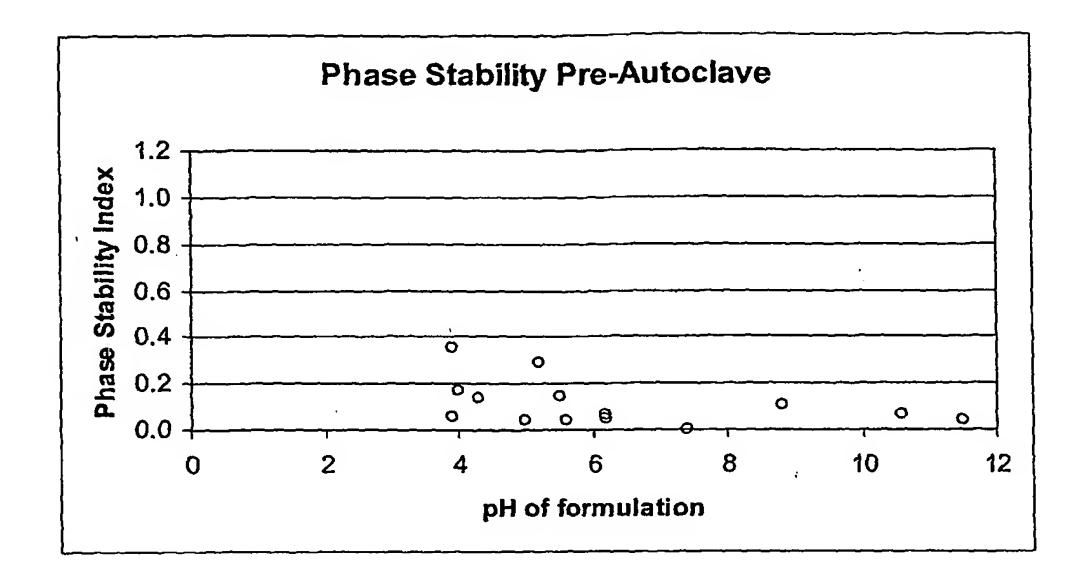
Fig. 13



WO 2005/048986 PCT/CA2004/002002

13/18

Fig. 14



•

Fig. 15

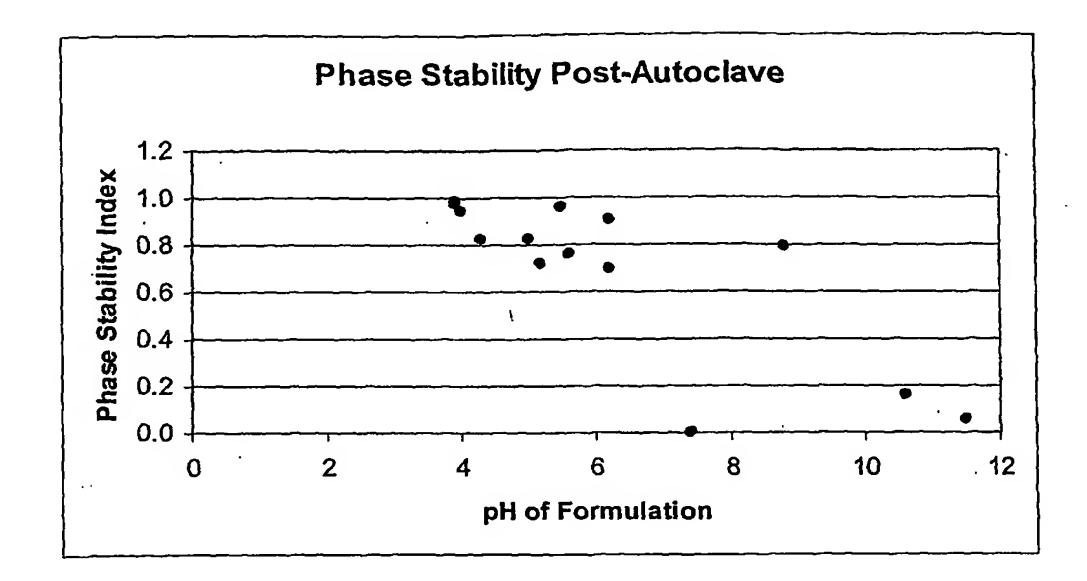
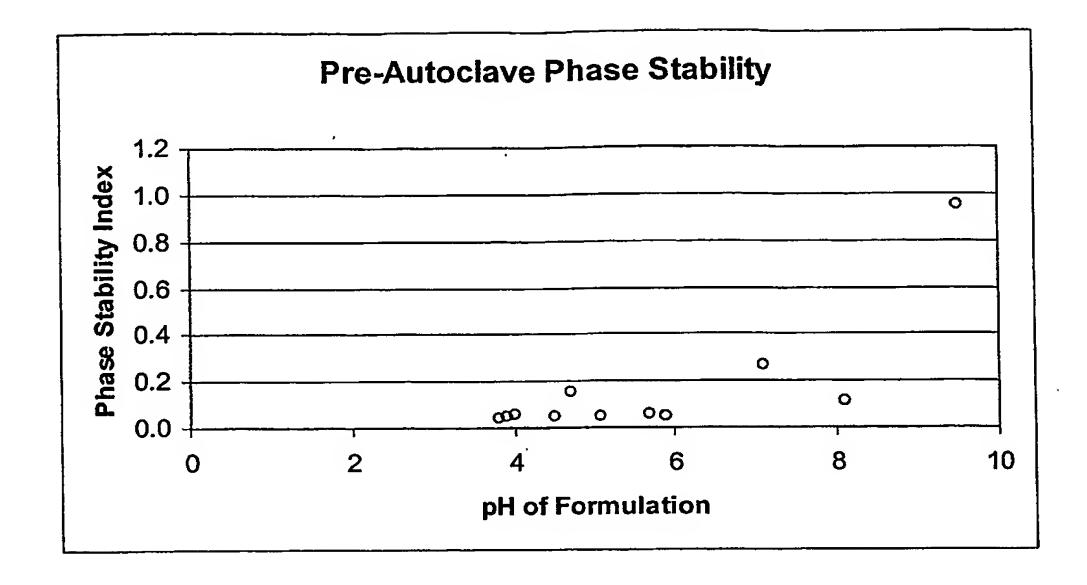


Fig. 16



16/18

Fig. 17

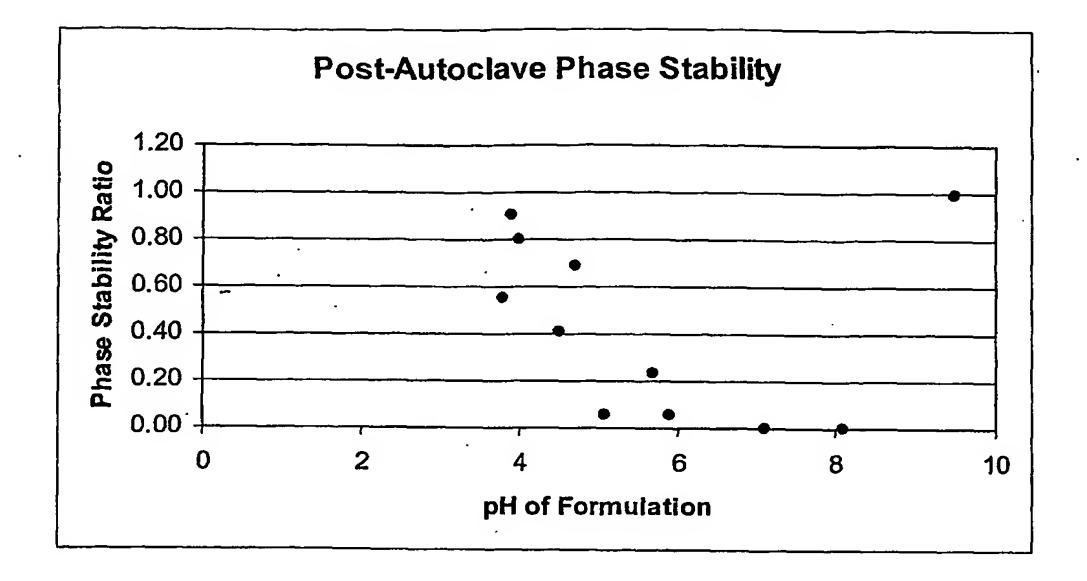


Fig. 18

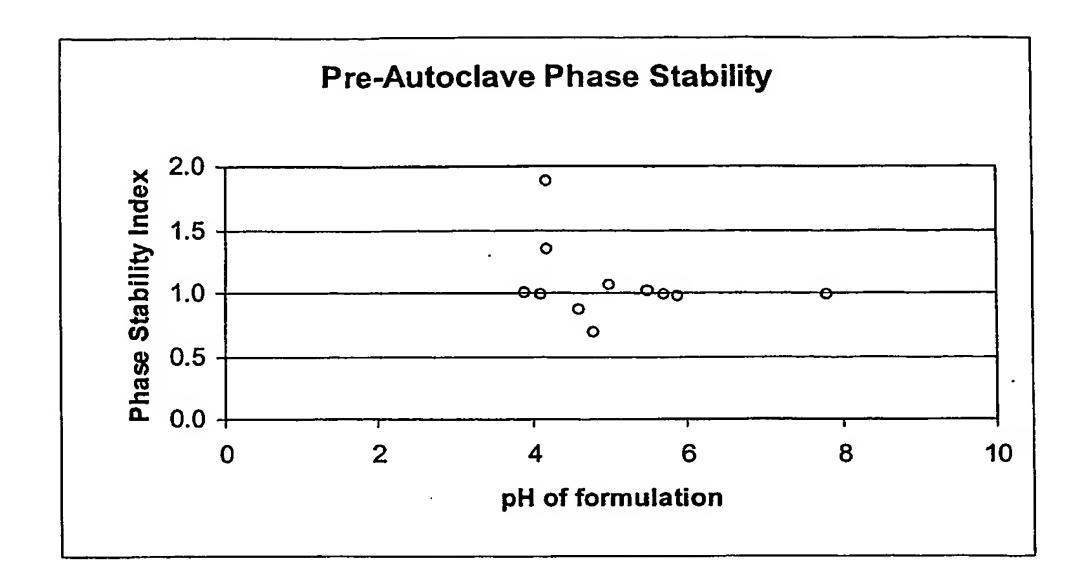


Fig. 19

